

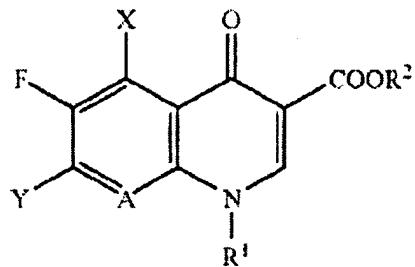
Amendments to the Claims

This listing of the claims will replace all prior versions and listing of claims in this application.

Listing of Claims

1. (Currently amended) A method for the systemic treatment of bacterial infections of the oral cavity comprising administering to a human or an animal in need thereof an effective amount of
  - a. an 8-cyanoquinolone antibiotics, wherein the 8-cyanoquinolone antibiotics are compounds of the formula (I):

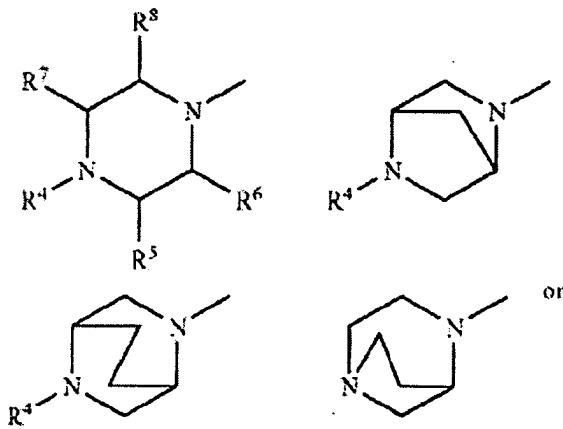
(I)

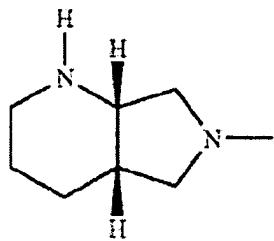


in which

X represents hydrogen, halogen, C<sub>1-4</sub>-alkyl, C<sub>1-4</sub>-alkoxy, NH<sub>2</sub>,

Y represents radicals of the structure





in which

R<sup>4</sup> represents optionally hydroxyl- or methoxy-substituted straight-chain or branched C<sub>1-4</sub>-alkyl, cyclopropyl, acyl having 1 to 3 carbon atoms,

R<sup>5</sup> represents hydrogen, methyl, phenyl, thienyl or pyridyl,

R<sup>6</sup> represents hydrogen or C<sub>1-4</sub>-alkyl,

R<sup>7</sup> represents hydrogen or C<sub>1-4</sub>-alkyl,

R<sup>8</sup> represents hydrogen or C<sub>1-4</sub>-alkyl, and

R<sup>1</sup> represents an alkyl radical having 1 to 3 carbon atoms, cyclopropyl, 2-fluoroethyl, methoxy, 4-fluorophenyl, 2,4-difluorophenyl or methylamino,

R<sup>2</sup> represents hydrogen or optionally methoxy- or 2-methoxyethoxy-substituted alkyl having 1 to 6 carbon atoms and also cyclohexyl, benzyl, 2-oxopropyl, phenacyl, ethoxycarbonylmethyl, pivaloyloxymethyl,

A represents =C(CN), or their pharmaceutically acceptable salts and hydrates, or

b. quinolone antibiotics selected from the group consisting of:

garenoxacin, marbofloxacin, ibafloxacin, danofloxacin, difloxacin and orbifloxacin

2. (Canceled).

3. (Previously presented) The method of claim 1, wherein the 8-cyanoquinolone antibiotic is Pradofloxacin.

4. (Previously presented) The method of claim 1, wherein the infections of the oral cavity are gingivitis, stomatitis, parodontitis and/or abscesses of the oral cavity.
5. (Previously presented) The method of claim 1, wherein the bacterial infections are mainly caused by bacteria of the group consisting of *Porphyromonas* spp., *Prevotella* spp., *Bacteroides* spp., *Actinobacillus actinomycetemcomitans*, *Fusobacterium* spp., *Peptostreptococcus* spp., *Eikenella corrodens*, *Capnocytophaga ochracea*, *Campylobacter rectus*.
6. (Previously presented) The method of claim 3, wherein the infections of the oral cavity are gingivitis, stomatitis, parodontitis and/or abscesses of the oral cavity.
7. (Previously presented) The method of claim 3, wherein the bacterial infections are mainly caused by bacteria of the group consisting of *Porphyromonas* spp., *Prevotella* spp., *Bacteroides* spp., *Actinobacillus actinomycetemcomitans*, *Fusobacterium* spp., *Peptostreptococcus* spp., *Eikenella corrodens*, *Capnocytophaga ochracea*, *Campylobacter rectus*.